

Developing SES Browser Utility GUI Applications

Llewellyn Barrett

Abstract

The DZero detector requires active monitoring throughout the experiment for it gathers large sums of data pertinent to the collaboration's experiment during the collisions. Monitoring the state of the detector and the data acquisition process is the task of the control room which relies on several application. One of these is aptly named the Significant Event System (SES). SES send alarm message concerning the status of the detector in real time and in log files. I developed two application to help Dzero member uses the SES browser to find certain alarm messages and view alarm messages without internal information.